

DERWENT-ACC-NO: 1993-056468

DERWENT-WEEK: 199307

COPYRIGHT 2006 DERWENT INFORMATION LTD

TITLE: Black crosslinked resin compsn. for insulation cables -
contains **polyethylene**@ resin, crosslinking agent, carbon@
black, antioxidant, wax and surfactant

INVENTOR: LEE, S

PATENT-ASSIGNEE: HANYANG CHEM CO[HANYN]

PRIORITY-DATA: 1989KR-0007873 (June 8, 1989)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
KR 9204784 B	June 15, 1992	N/A	000	C08L 023/06

APPLICATION-DATA:


PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
KR 9204784B	N/A	1989KR-0007873	June 8, 1989

INT-CL (IPC): C08L023/06

ABSTRACTED-PUB-NO: KR 9204784B

BASIC-ABSTRACT:

The black crosslinked resin composition for an insulating cable comprises; 100 wt. pts. of **polyethylene** as a base resin; 0.5-3.0 wt. pts. of a crosslinking agent; 0.3-0.8 wt. pts. of **carbon black**; 0.1-0.8 wt. pts. of antioxidant; 0.2-0.8 wt. pts. of wax; and 0.003-0.08 wt. pts. of a surface treating agent. Pref. the **carbon black** has 90-110 m²/g of the **surface area**, 20-30 nm of **particle size**, 0.010-0.016 g/cm² of the density and pH 4.0. Pref. the base resin is polyolefin resin contg. olefin as main component.



TITLE-TERMS: BLACK CROSSLINK RESIN COMPOSITION INSULATE CABLE
CONTAIN

POLYETHYLENE@ RESIN CROSSLINK AGENT CARBON@ BLACK
ANTIOXIDANT WAX
SURFACTANT

DERWENT-CLASS: A17 A85 E36

CPI-CODES: A04-G02E4; A08-A06; A08-C01; A08-E02; A08-S01; A12-E02A; E31-N04D;

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1993-025410